

Attorney Docket No.: DC-0251
Inventor: Wade and Demian
Serial No.: 09/720,078
Filing Date: July 25, 2001
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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-31 (canceled).

Claim 32 (previously presented): A method for enhancing at least the humoral immune response or CD4 Th1 immune response to a target antigen comprising administering the following:

(i) a conjugate comprising a selected antigen, which is directly or indirectly attached to an antibody that specifically binds to a molecule which is expressed by an antigen-presenting cell (APC);

(ii) an anti-CD40 antibody; and

(iii) an adjuvant which induces a cytotoxic T lymphocyte response to the selected antigen of (i),

wherein the antigen-antibody conjugate of (i), and the anti-CD40 antibody of (ii) are administered simultaneously or substantially contemporaneously thereby enhancing at least the humoral immune response or CD4 Th1 immune response to the target antigen when compared to the humoral immune response or CD4 Th1 immune response provided upon administration of the antigen-antibody conjugate in the absence of the anti-CD40 antibody.

Claim 33 (previously presented): The method of Claim 32, which is effected in vivo.

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Claim 34 (previously presented): The method according to Claim 32, wherein the antigen-antibody conjugate of (i) and the anti-CD40 antibody are administered together.

Claim 35 (previously presented): The method according to Claim 32, wherein the antigen is directly attached to said antibody.

Claim 36 (previously presented): The method according to Claim 35, wherein said direct attachment comprises covalent attachment of the antigen and the antibody.

Claim 37 (previously presented): The method according to Claim 32, wherein the administered antigen-antibody conjugate of (i) and the anti-CD40 antibody are contained in the same composition.